

Tk. 147. 3.a,

$$a = 50 \text{ cm} \quad b = 31 \text{ cm} \quad K = ?$$

$$K = 2 \times (a+b) = 2 \times (50 + 31) = 2 \times 81 = \mathbf{162 \text{ cm}}$$

$$a = 180 \text{ cm} \quad b = 120 \text{ cm} \quad K = ?$$

$$K = 2 \times (a+b) = 2 \times (180 + 120) = 2 \times 300 = \mathbf{600 \text{ cm}}$$

$$a = 120 \text{ cm} \quad b = 61 \text{ cm} \quad K = ?$$

$$K = 2 \times (a+b) = 2 \times (120 + 61) = 2 \times 181 = \mathbf{362 \text{ cm}}$$

b,

$$\mathbf{600 \text{ cm} \quad 362 \text{ cm} \quad 162 \text{ cm}}$$

Tk. 147/ 4.

a,

Kézilabdapálya

$$a = 40 \text{ m} \quad b = 20 \text{ m} \quad K = ?$$

$$K = 2 \times (a+b) = 2 \times (40 + 20) = 2 \times 60 = \mathbf{120 \text{ m}}$$

Teniszpálya

$$a = 35 \text{ m} \quad b = 16 \text{ m} \quad K = ?$$

$$K = 2 \times (a+b) = 2 \times (35 + 16) = 2 \times 51 = \mathbf{102 \text{ m}}$$

Kosárlabdapálya

$$a = 28 \text{ m} \quad b = 15 \text{ m} \quad K = ?$$

$$K = 2 \times (a+b) = 2 \times (28 + 15) = 2 \times 43 = \mathbf{86 \text{ m}}$$

b,

$$\text{Kézilabdapálya} \quad 120 : 25 = 4 \quad \mathbf{5 \text{ tekercs drót kell}}$$

$$\text{Teniszpálya} \quad 102 : 25 = 4 \quad \mathbf{5 \text{ tekercs drót kell}}$$

$$\text{Kosárlabdapálya} \quad 86 : 25 = 3 \quad \mathbf{4 \text{ tekercs drót kell}}$$